

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	26	("20020139637"   "2770980"   "3220281"   "3633437"   "4900291"   "5094120"   "5213005"   "5222412"   "5361645"   "5673594"   "5701786"   "5730030"   "5755139"   "5775168"   "5799542"   "5829313"   "5848555"   "5941125"   "5957002"   "6067875"   "6155132"   "6220111"   "6450060"   "6564671").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 15:24
L4	11	("3730012"   "3813955"   "4226130"   "4529395"   "4586913"   "5037355"   "5104358"   "5620384"   "5624336"   "5779581"   "5816966").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 16:49
L5	8	"5957002"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 16:49
S1	4	"6694840"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 15:43
S2	727	74/502.2.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:16
S3	26	("20020139637"   "2770980"   "3220281"   "3633437"   "4900291"   "5094120"   "5213005"   "5222412"   "5361645"   "5673594"   "5701786"   "5730030"   "5755139"   "5775168"   "5799542"   "5829313"   "5848555"   "5941125"   "5957002"   "6067875"   "6155132"   "6220111"   "6450060"   "6564671").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 14:37
S4	2	74/502.2.ccls. and ratchet adj element	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 14:42
S5	133	74/502.2.ccls. and ratchet	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 14:42
S6	98	S5 and pawl	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 14:43
S7	3	S6 and coating	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 14:44
S8	1	S6 and buffer	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 15:00

## EAST Search History

S9	4	S1 and ratchet	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 15:06
S10	1	S2 and shock adj absorbing	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/24 15:07
S11	83	S2 and rubber	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:18
S12	1950	shimano.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:00
S13	160	S12 and 74/502.2	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:31
S14	4	"6694840"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:29
S15	3	S14 and first adj operating adj member	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:29
S16	1	S12 and operator adj actuating adj member	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:33
S17	90	S12 and positioning adj mechanism	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:48
S18	2	S14 and "55"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:55
S19	0	S14 and buffering	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:55
S20	0	S14 and coating	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:55
S21	0	S14 and elastomeric	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:55
S22	0	S14 and shock adj absorbing	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 15:55
S23	762	S12 and recess	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:49

## EAST Search History

S24	2	S14 and recess	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:52
S25	4	S14 and pawl	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:53
S26	4	S14 and ratchet	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:54
S27	0	S14 and winding adj element	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:29
S28	4	S14 and winding	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:55
S29	0	S14 and first adj linkage	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:55
S30	0	S14 and chain adj guide	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:55
S31	3	S14 and chain	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/25 16:55
S32	4	"6694840"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:29
S33	0	S32 and first adj linkage	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:29
S34	2	S32 and linkage	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:31
S35	0	S32 and chain adj guide	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 09:32
S36	3	S32 and chain	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:38
S37	4	S32 and "38"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:49
S38	11	"6234927"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 10:50

## EAST Search History

S39	8	S38 and chain adj guide	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 12:02
S40	1	S39 and "105"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 12:08
S41	0	CN-1431121-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/28 12:09
S42	0	CN-1431121-A.did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/28 12:09
S43	722	74/489.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 13:15
S44	94	tetsuka.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 15:45
S45	24644	kawakami.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/01 13:03
S46	46	S45 and "74"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/01 13:04
S47	11	("3730012"   "3813955"   "4226130"   "4529395"   "4586913"   "5037355"   "5104358"   "5620384"   "5624336"   "5779581"   "5816966").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/01 14:14
S48	4	"6694840"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 11:33
S49	6511	rubber adj coating	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:19
S50	46	S49 and "74"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:19
S51	221	74/488.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 18:17
S52	11	"4184380"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/06 13:16